UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST. LAMAR BLVD., SUITE 400
ARLINGTON, TEXAS 76011-4125

# FACSIMILE

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|---|---|---|
| **Name:** | Ron R. Bresell | License No. 40-02331-19 |
| **Organization:** | University of South Dakota | Docket No. 030-15186 |
| | | Control No. **472249** |
| **E-mail address:** | Ronald.Bresell@usd.edu ***(actually emailed to Mr. Bresell on 7/6/09)*** | |
| **Phone:** | 808-373-7009 | |
| **From:** | Jacqueline D. Cook | |
| **Date:** | July 6, 2009 | |
| **Subject:** | Letters dated April 3, and May 7, 2009 for License Amendment | |
| **Pages:** | 2 | |

Mr. Bresell:

Per your letters dated April 3, and May 7, 2009, the items on the next page are deficiencies which require your response. **Please respond to this fax by Monday, July 20, 2009**. Our fax number is (817) 860-8263. If you have any questions regarding this fax, please call me at (817) 860-8132. When responding to this fax, please include the license, docket and control numbers **(i.e., please note the new Mail Control number)** located at the top of this page.

Thanking you in advance for your cooperation and assistance in this matter.

***/RA/***
Jacqueline D. Cook
Senior Health Physicist

1. Please submit a diagram of the new location at the Sanford Research/USD identifying the areas(s) assigned for the receipt, storage, security, preparation, measurement of radioactive materials, and adjacent areas.

   In addition, please identify the location of shielding, the proximity of radiation sources to unrestricted areas, and other items related to radiation safety.

   When applicable to facilities where radioactive materials may become airborne, the diagrams should contain schematic descriptions of the ventilation systems, with pertinent airflow rates, pressures, filtration equipment, and monitoring systems.

   Please note that the diagram should be drawn to a specified scale, or dimensions should be indicated.

   For facilities where it is anticipated that more than one laboratory or room may be used, a generic laboratory or room diagram may be submitted.

2. Concerning your May 7, 2009, request to find out the current owner of Nuclear Chicago Electron Capture Detector, I am still researching the answer for you. I am going to obtain assistance from our regional general license representative.